

RENEWABLE ENERGY OVERVIEW

Introduction to Renewable Energy and Energy Efficiency

Renewable Energy Training Center

Morrisville State College



Description: In spite of the global recession, the continued interest in renewable energy is fueling significant opportunities for job hunters and career changers. These opportunities are not just for scientists and researchers. The renewable energy area is forecast to be one of the high growth areas for technically trained individuals to fill the need for project managers, accountants, assemblers, installers, IT professionals, customer service reps, marketing professionals and account executives.

Renewable energy technology continues to advance to meet the needs for cost-effective systems for energy generation and conservation. This seminar serves as basic training to help individuals assess their interest in the different renewable energy areas, to learn what skills are needed to prepare for job opportunities, and also provides information on how they can personally conserve energy and determine the ROI to decide which renewable energy areas might offer help in controlling their own energy costs.

The seminar is divided into three main sections:

- an explanation for each of the renewable energy categories describing the benefits as well as obstacles that need to be overcome to achieve wider implementation whether for residential or commercial applications
- an overall approach to energy conservation on a personal level, with a list of actionable ideas with descriptions, hands-on exercises, and tools to use to assess the cost effectiveness of the opportunities
- a description of basic and specific skills needed for jobs in each renewable energy area, followed by a description of programs available to provide training from a series of one day short seminar through a complete 2 or 4 year degree program

Sources of renewable energy covered include:

- wind power
- solar thermal
- solar photo-voltaic
- biomass / biofuels
- hydro-power
- geothermal
- ocean-tidal

Duration: 3 hours

Fee: Free to any U.S. citizen or individuals otherwise authorized to work in the United States, with a Social Security number. Verification of citizenship and Selective Service registration is required to receive services.

The RETC is funded by a grant awarded under the President's Community-Based Job Training Grants, as implemented by the U.S. Department of Labor's Employment and Training Administration. The RETC is a EEO/AA institution.

Instructor: Jim Stanko is an Instructor for the Renewable Energy Training Center, Morrisville State College. His experience includes over 30 years with the Power Products Division of Hewlett Packard, as both an R&D Projector Manager and Product Marketing Manager, where his main role has been investigation and selection of product-market opportunities for power conversion technology.



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To schedule this seminar for your facility, contact:

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